

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

WESTERN UNION TELEGRAPH COMPANY, JENNERSTOWN
RELAY
(Western Union Telegraph Company, Laurel Hill Relay)
Laurel Summit Road off U.S. 30
Laughlintown vicinity
Westmoreland County
Pennsylvania

HAER PA-636

INDEX TO BLACK AND WHITE PHOTOGRAPHS

Jet Lowe, photographer, June 2005

PA-636-1	General view of tower approximately ¼ mile away, looking southwest.
PA-636-2	General view of tower and equipment building, looking southeast.
PA-636-3	Lower half of tower, looking southwest.
PA-636-4	Corner footing and structural connections of southwest tower leg, looking southwest.
PA-636-5	Lower flight of stairs, looking northwest.
PA-636-6	Detail of brace assembly connections (two Ls made into cruciform member), looking at southeast tower leg. Note electrical ground wires.
PA-636-7	Brace of northeast tower leg, looking southwest.
PA-636-8	Detail of brace connection nut and stamped locknut, looking at southwest tower leg.
PA-636-9	Typical bolted joint, northeast tower leg. Note stamped lock nuts.
PA-636-10	Equipment boxes (later addition) one level down from antenna cab, looking southwest.
PA-636-11	Antenna cab interior showing both equipment racks, looking southwest.

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PA-636-12	Antenna cab interior showing fuse boxes, looking northeast.
PA-636-13	Antenna cab interior showing equipment rack and fiberglass antenna panels, looking west.
PA-636-14	Antenna cab interior showing equipment rack and fiberglass antenna panels, looking southeast.
PA-636-15	Antenna cab interior showing waveguide from external parabolic antenna (later addition), looking north.
PA-636-16	External parabolic antenna mounting (later addition), looking south.
PA-636-17	Detail, external parabolic antenna (later addition). Note how waveguide was cut to remove active portion of antenna.
PA-636-18	Detail of fuel tank fill port near south side of equipment building.
PA-636-19	Oblique view of roof and south wall of equipment building.
PA-636-20	View of equipment building and tower base, looking southeast. Door opens to radio room, and hood covers the engine room outlet. Vertical pipe with cap above roof is fuel tank vent.
PA-636-21	Equipment building and cable duct to tower, looking west. Metal shutters cover window in radio room.
PA-636-22	South elevation of equipment building. Hood covers engine room air intake. Engine exhaust is above hood, and door opens to heater room. Cable duct to tower is at right.
PA-636-23	Furnace and south wall door of equipment building.
PA-636-24	Engine room, showing "vibrator" (inverter) cabinet, looking north. Door opens to radio room. Note overhead cable duct and conduits.
PA-636-25	Engine room, showing engine generator foundation and inlet louvers, looking southwest. Note fuel gauge on west wall, left of fuse box, and exhaust pipe through south wall.
PA-636-26	Battery room, showing battery racks, looking southeast.
PA-636-27	Oblique view of radio room from outside door, looking southeast. Note main electronics rack (left), battery room (through door), and overhead cable ducts.

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- PA-636-28 Detail, top half of electronics rack in radio room. West-to-east circuit is on left, east-to-west circuit is on right.
- PA-636-29 Detail, lower half of electronics rack in radio room. West-to-east circuit is on left, east-to-west circuit is on right.